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| APPLICATION NO.         | FILING DATE            | FIRST NAMED INVENTOR     | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |  |
|-------------------------|------------------------|--------------------------|-------------------------|------------------|--|
| 09/367,433 01/13/2000   |                        | ALEXANDROS ELEFTHERIADIS | A30919-PCT-U 4342       |                  |  |
| 21003                   | 7590 09/15/2003        |                          |                         |                  |  |
| BAKER & B               |                        | EXAMINER                 |                         |                  |  |
| 30 ROCKEFE<br>NEW YORK, | LLER PLAZA<br>NY 10112 |                          | DESIR, JEAN WICEL       |                  |  |
|                         |                        |                          | ART UNIT                | PAPER NUMBER     |  |
|                         |                        |                          | 2614                    |                  |  |
|                         |                        |                          | DATE MAILED: 09/15/2003 | 6                |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

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| Office Action Summary  Examiner  Jean W. Désir  The MAILING DATE of this communication appears on the cover sheet with the correspondence address  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  |  |   |  |   |   | <u> </u> |  |  |  |
|--|--|---|--|---|---|----------|--|--|--|
| ## Examiner  |  |   | Application  | n No.   | Applicant(s)  |          |  |  |  |
| Jean W. Désir   2614   |  |   | 09/367,433   | 3   | ELEFTHERIADIS ET AL.  |          |  |  |  |
| - The MAILING DATE of this communication appears on the over sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Exercised for time rap's a validate under the provisions of 3 CTR 1.13(q). In no event, however, may a reply be timely field  Exercised for time rap's a validate under the provisions of 3 CTR 1.13(q). In no event, however, may a reply be timely field  If the period for reply specified shows the test than 15 CTR 1.13(q). In no event, however, may a reply be timely field  If the period for reply specified shows the test than 15 CTR 1.13(q). In no event, however, may a reply be timely field  If the period for reply specified shows the test than 15 CTR 1.13(q). In no event, however, may a reply be timely field of this communication.  Fairure to epply white the set or estendise period for reply will, by stating, and will explored into become ABMICONED (SU.S.C. § 133).  Responsive to communication(s) filled on  |  |   | Examiner   |   | Art Unit  |          |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a ripply be timely fixed  Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a ripply be timely fixed  Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a ripply be timely fixed  Extension of time the provision of the provision of 37 CFR 1.35(a), in no event, however, may a ripply be timely fixed  Extension of timely specified above, the mailting of a status of the statutory minimum of birthy (30) days will be considered timely.  If the period for may be specified above, the mailting date of this communication, the status of the communication of the provision of the specified above, the mailting date of this communication, event if timely fixed, may reduce any search planet term adjustment. See 37 CFR 1.704(b).  Status  1) Responsive to communication(s) filled on  |  |   |  | ·   |   |          |  |  |  |
| THE MAILING DATE OF THIS COMMUNICATION.  Eatherions of the may be switched under the provision of 3° CFR 1.35(g). In or event, however, may a nepty be timely filed after SX (8) MONTHS from the mailing date of his communication.  I see that SX (8) MONTHS from the mailing date of his communication, or sevent, however, may a nepty be timely filed after SX (8) MONTHS from the mailing date of his communication.  I this part of reply is specified above, the maximum attatury paried wiley and will expery 6x (8) MONTHS from the mailing date of this communication.  Failure to reply within the said or extended peaced for reply will, by statute, cause the application to become ARAMONED (35 U.S. C, § 135).  Any reply received by the Official for then three monitors after the mailing date of this communication, even if timely filed. May reduce any security of the said part of the communication and the said part of the communication.  Any reply received by the Official from the main security of the said part of the communication, even if timely filed. May reduce any security of the said part of the said part of the communication, even if timely filed may reduce any security.  This action is FINAL.  2a) This action is FINAL.  2b) This action is FINAL.  2b) This action is replaced to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-10 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  6) Claim(s) 1-10 is/are allowed.  7) Claim(s) 1-10 is/are allowed.  8) The proposed drawing secretary is a secretary and any   | The MAILING DATE of Period for Reply   | of this communication (   | appears on the   | cover sneet with the  | e corresponaence address  |          |  |  |  |
| 2a)  This action is FINAL. 2b)  This action is non-final.  3   Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1-10 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)  Claim(s) is/are allowed.  6)  Claim(s) is/are allowed.  6)  Claim(s) is/are rejected.  7)  Claim(s) is/are objected to.  8)  Claim(s) are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner.  10)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)  The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12)  The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13)   Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c)  None of:  1.   Certified copies of the priority documents have been received in Application No  3.   Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  | THE MAILING DATE OF TH  - Extensions of time may be available after SIX (6) MONTHS from the maili  - If the period for reply specified above If NO period for reply is specified above Failure to reply within the set or exter Any reply received by the Office later | HIS COMMUNICATION under the provisions of 37 CFR ng date of this communication. It is less than thirty (30) days, a twe, the maximum statutory per unded period for reply will, by sta I than three months after the ma | N. R 1.136(a). In no ever reply within the statu- iod will apply and will atute, cause the appli | nt, however, may a reply be<br>tory minimum of thirty (30)<br>expire SIX (6) MONTHS fr<br>cation to become ABANDO | e timely filed  days will be considered timely.  om the mailing date of this communication.  NED (35 U.S.C. § 133). |          |  |  |  |
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| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)   | ,—   |   |  |   |   |          |  |  |  |
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|  | 2) Notice of Draftsperson's Patent   | Drawing Review (PTO-948)  |  | 5) Notice of Inform   |   |          |  |  |  |

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#### **DETAILED ACTION**

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 2. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Mimura et al (US 5,548,346).

## Claim 1:

The claimed limitation "receiving, over time, a plurality of audio-visual/video objects and composition information for the objects" is disclosed, see Mimura at Fig. 11 items AV SEPARATOR, 12, 3, 66, col. 9 lines 10-29; see also Fig. 4 items 26, 27, col. 11 lines 40-50 where Mimura clearly teaches object-based audio-visual/video data;

the claimed limitation "storing in a cache memory at least one of the objects" is disclosed, see Mimura at col. 13 lines 3-5;

the claimed limitation "composing scenes from said objects including the one of the objects stored in the cache memory" is disclosed, see Mimura at Fig. 11 items 3, 66, col. 9 lines 10-29;

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the claimed limitation "and displaying the composed scenes" is disclosed, see Mimura at Fig. 11 item 5, col. 4 lines 55-62.

Claim 2 is inherent to Mimura's disclosure.

Claim 3 is disclosed, see Mimura at col. 4 lines 37-39, see also Fig. 22 item 2204.

Claim 4 is disclosed, see Mimura at Fig. 11 item 12.

Claim 5 is disclosed, see Mimura at Fig. 11 items AV SEPARATOR, 12, 3, 66, col. 4 lines 37-39.

Claim 6 is disclosed, see Mimura at Fig. 11 item 51.

Claim 7 is inherent to Mimura's disclosure.

## Claim 8:

The claimed limitation "a controller circuit for controlling acquisition over time of a plurality of audio-visual/video objects and composition information for the objects" is disclosed, see Mimura at Fig. 17 item 111, col. 4 lines 4-33; see also Fig. 4 items 26, 27, col. 11 lines 40-50 where Mimura clearly teaches object-based audio-visual/video data;

the claimed limitation "a cache memory for storing at least one of the objects" is disclosed, see Mimura at col. 13 lines 3-5;

the claimed limitation "a composer circuit, coupled to the cache memory, for composing scenes from said video objects including the one of the objects stored in the cache memory" is disclosed, see Mimura at col. 9 lines 10-29, Fig. 11 items 3, 66;

the claimed limitation "and a display for the composed scene" is disclosed, see Mimura at Fig. 11 item 5, col. 4 lines 55-62.

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Claims 9, 10 are rejected for the same reasons as claim 8.

#### Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Jean W. Désir* whose telephone number is (703) 308-9571.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *John W. Miller*, can be reached at (703) 305-4795.

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

5. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

*JWD* Sep. 2, 03

MICHAEL H. LEE PRIMARY EXAMINER